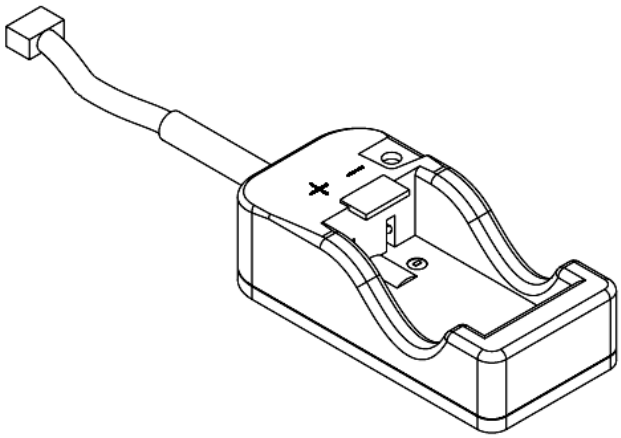

Operating instructions

EPS, Set for Comfort systems
ES306.1005

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1 Introduction

About these instructions

These instructions contain important information on operating the external power supply, referred to as the EPS in the following.

- Read through the instructions carefully.
- Keep the instructions in a safe place and pass them on to each subsequent user of the EPS.

Explanation of the symbols and signal words used

⚠ WARNING	Indicates hazards which could result in severe or fatal injuries.
⚠ CAUTION	Indicates hazards which could result in minor or moderate injuries.
CAUTION	Indicates hazards which could result in damage to property.
Note	Indicates information and tips for optimum use of the instructions and the product.

Target group

These instructions are directed at competent personnel entrusted with the servicing, care, disposal and maintenance of fault free operation of an OPERTIS locking system and who have received suitable training for these activities or have appropriate experience.

OPERTIS Support

If you have any questions which are not answered by the information provided in these instructions, please contact

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Fax: +49 5691 87741-281
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Up-to-date information

All details of the product, images, dimensions and versions are correct at the time of delivery of the product. We reserve the right to make changes in line with technical progress and the resulting continuous improvement process of our products.

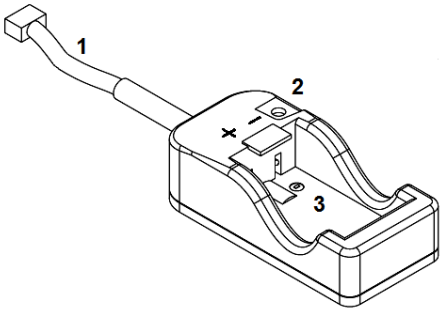
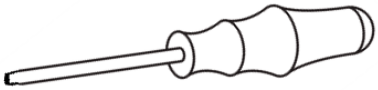
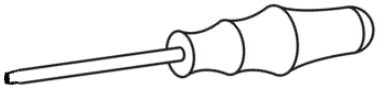
The current version of these instructions and further information is also available on our internet site www.opertis.de.

Dated 06/2014

2 Product Description

Scope of supply

The scope of supply includes the following parts:

Part	Name
	External power supply EPS 1 Connection cable 2 Status LED 3 Battery compartment
	3 Volt lithium battery CR-V3
	Slot-head screwdriver 0.3x1.8 (Battery change Comfort system APS)
	Philips screwdriver PH (Battery change Comfort system Glass door)

Operating principle

The external power supply (EPS) is used to supply power to Comfort systems with completely emptied batteries or of Comfort systems which, after several battery warnings, can no longer by actuated.

The EPS is connected to the terminal to be opened from the outside using the interface cable supplied.

Opening a terminal in an eLOCK eXpress locking system using the EPS requires a teached-in transponder with time profile "Always".

The EPS provides the necessary power supply to open the Comfort system with empty battery once.

Detailed Information

Further information on the product is given in Section 8 "Product specification".

3 Intended Use

Area of use

The external power supply is designed for supplying power to electronic terminals with an empty battery in an OPERTIS eLOCK eXpress locking system.

The following terminals can be opened with the EPS ES306.1005:

ES316.100XX Comfort systems APS for panel door
ES316.101XX Comfort systems APS for flush door
ES316.1112E Comfort system for glass door

Condition of the product

The external power supply may only be used if it is in faultless technical condition.

Independent modifications and changes to the product are not allowed.

Ambient conditions

Use in particularly difficult environments, e.g. aggressive gases, high humidity, extreme temperatures or very dusty environment is not allowed. If you have any questions, please contact OPERTIS Support.

Residual Risk

If used as intended and in compliance with the maintenance instructions, this product will help to maintain your property security.

However, the following residual risk cannot be excluded:

- In the event of a defect in the EPS or the interface cable, it is not possible to open the terminal if its battery is empty.

4 Safety Instructions

The following safety instructions must be noted and followed before use! OPERTIS does not accept any liability whatsoever for personal injuries or damage to property caused by failure to follow these instructions!

WARNING

Risk of personal injuries

The tip of the screwdriver supplied is sharp edged. There is a risk of cuts and stab wounds.

CAUTION

Risk of being locked in or out

The battery can leak and damage the EPS, so that it can no longer provide power supply for the terminal.

Remove the battery from the EPS after use.

CAUTION

Risk of being locked in or out

If the battery in the terminal is empty, the door can only be opened using an EPS or mechanical tools (only the Comfort system for glass door).

Make sure that a full battery is always available for the EPS, in order to ensure a power supply.

CAUTION

Risk of malfunctions

Unauthorised access

With the Comfort system it is only possible to connect an external power supply from the outside (profile cylinder cover without Open button). In the Active Power Off state coupled lever handles remain coupled until an external power supply is connected properly. Therefore access is possible for all.

The external power supply must be connected to the outside of the door.

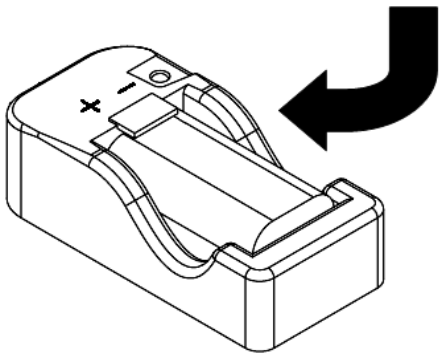
5 Operation and Control

Inserting the battery

Note

Note the details of the battery type given in the "Technical Data" section.

Proceed as follows:

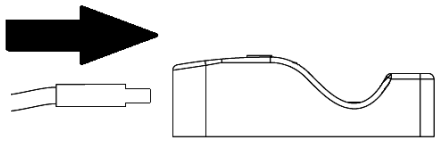
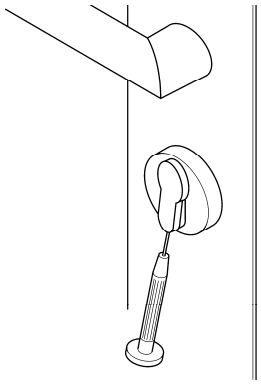
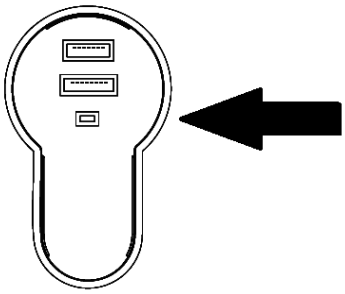
Step	Activity	Figure
1	Insert new, fully charged battery ensuring correct polarity.	

Note

The continuously lit green status LED signals that there is an intact battery in the EPS. The status LED does not provide any information about the battery's condition (charge level).

Connecting the interface cable

Proceed as follows:

Step	Activity	Figure
1	Connect the round connector of the connection cable to the EPS.	
2	Carefully lever off the profile cylinder cover on the outside, if necessary with the help of the screwdriver.	
3	Plug the two pin connector of the connection cable into the bottom socket of the antenna.	

Providing the power supply / opening

Proceed as follows:

Step	Activity	Figure
1	Hold the transponder with time profile "Always" in front of the antenna.	
2	**Comfort system APS** Insert a new CR-V3 battery (OPERTIS product number ES0893) in the terminal, see separate instructions. **Comfort system glass door** Insert a new CR2 battery (OPERTIS product number ES0891) in the terminal, see separate instructions.	
3	Reset the date and time. Perform a closing action by holding an authorised transponder in front of the antenna.	

6 Maintenance and Cleaning

Maintenance and cleaning may only be carried out by qualified personnel.

We do not provide any warranty whatsoever for damage caused by improper handling.

Maintenance

The external power supply (EPS) is maintenance free.

Cleaning and Care

CAUTION

Risk of personal injuries

Information is transferred from the external power supply (EPS) to the terminals via the EPS interface cable. Thick dirt or liquids such as water or oils can prevent communication, so that it is possible for people to be locked in or out. Check the interface cable for dirt regularly and clean if necessary.

CAUTION

Material damage due to incorrect cleaning

Incorrect cleaning can cause attack and damage to the surfaces:

- Do not use alkali, acidic or chlorine-containing cleaning agents.
- Do not use cleaning agents containing abrasive additives.
- Do not use abrasive instruments, e.g. brushes.

Proceed as follows:

Step	Activity	Figure
1	Wipe down the surfaces with a dry cloth.	

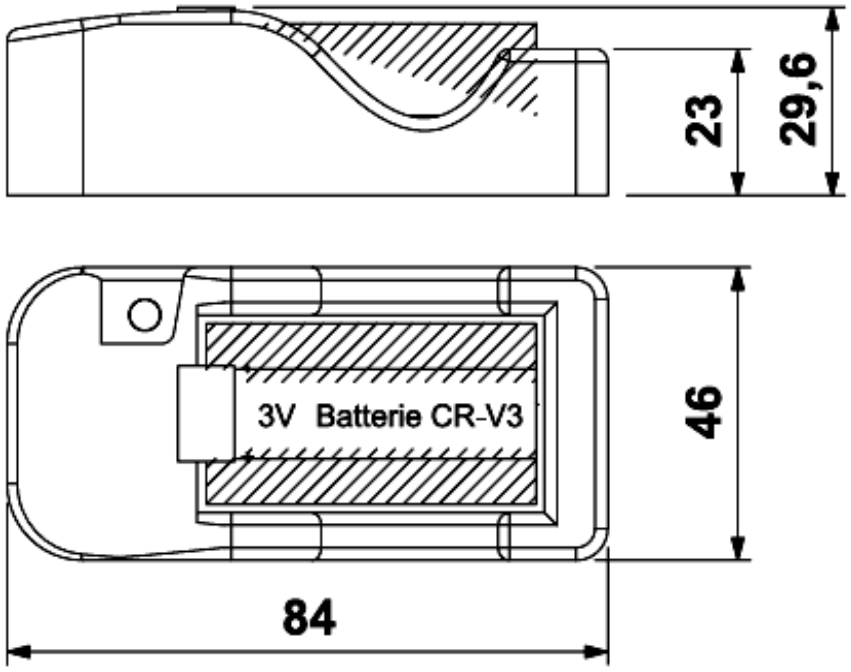
7 Problems and Solutions

Problem	Possible cause	Solution
External power supply (EPS) does not activate the Comfort system.	Connection cable is not connected.	Connect connection cable.
	Connection cable is defective.	Replace connection cable.
	EPS battery is empty of defective.	Replace the battery.
	Transponder is not programmed or does not have the time profile "Always".	Program transponder
	EPS is defective.	Replace EPS.
	Terminal is defective.	Replace the terminal.
Terminal does not respond after the battery change.	Terminal has not detected the new battery.	Re-insert the battery in the terminal.
	Empty battery inserted in the terminal.	Insert full battery in the terminal.

8 Product Specification

Dimensions

All dimensions given in mm.



Technical data

Housing

Colour	silver
Material	Plastic

Specific data

Supply voltage	3 volt lithium battery CR-V3 OPERTIS Art. No.: ES0893
Operating and storage temperature	+15 °C to +45 °C **Note** The external power supply must be stored at room temperature.
Humidity for operation and storage	max. 95% non-condensing
Degree of protection to EN 60529	IP00
Protection class to EN 61140	III (Separated Extra Low Voltage - SELV)

9 Disposal

Product

Disposal in accordance with WEEE Directive 2012/19/EC:

- Do not dispose of product in the local household waste.
- Send product back to OPERTIS or dispose of it at a communal collection point for hazardous electronic wastes.

Batteries

- Do not dispose of batteries in the local household waste system, but instead at the public battery collection points.
- Do not throw batteries into a fire.
- Do not store used batteries together.
- Only dispose of batteries if they are discharged.

Product packaging

The product packaging must be disposed of through the local household or paper waste collection facility.

Notes:

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